TMC Commercial

## COMPLETE FILTRATION SYSTEMS

# SYSTEM 10,000 MARINE

# USER GUIDE


Tropical Marine Centre

Solesbridge Lane

Chorleywood WD3 5SX

United Kingdom

Tel: +44 (0) 1923 284151

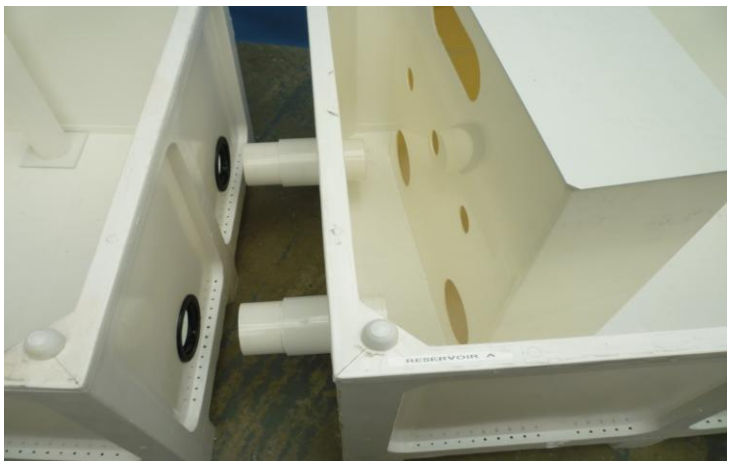
Fax: +44 (0) 1923 285840

Email: commercial@tropicalmarinecentre.co.uk

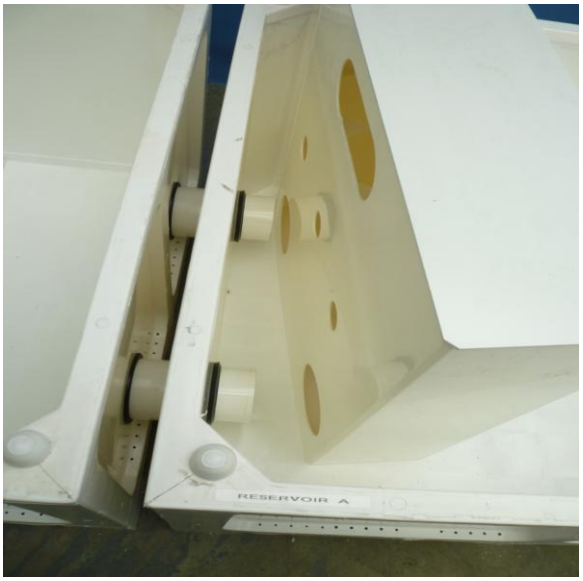
Website: www.tropicalmarinecentre.co.uk

## A. Installation Instructions

1. First remove all the components from the reservoirs and remove all the protective packaging.




2. You've got two reservoirs labelled up reservoir A and reservoir B, which need to be linked together. In each of the reservoirs there are 2 x 127mm holes which have been pre drilled. In each of these holes a flexible tank connector needs to be fitted. Then in one on the reservoirs place the 4" sockets which have a piece of pipe in each end.

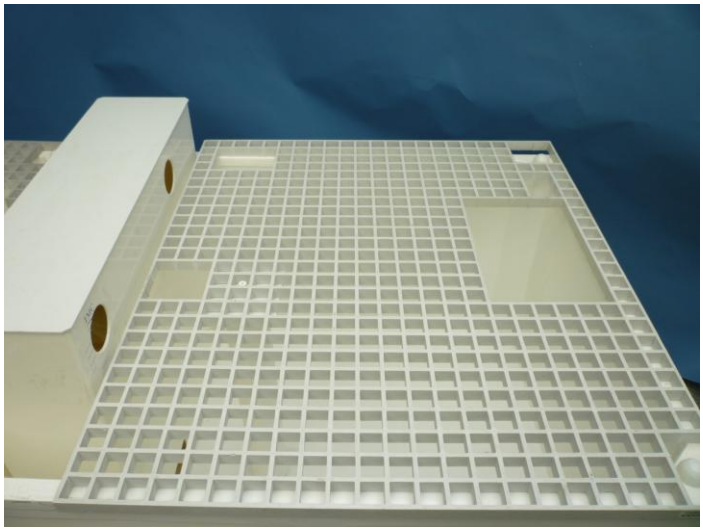



3. Then push the reservoirs together, making sure the pipes go through the middle of the flexible tank connectors and that the flexible tank connector has completely sealed against the 4" pipe and the reservoir wall. Then in reservoir A the bag filter

which has 2 x 159mm holes drilled in it needs to be sited. The 4” pipes go through these holes which will in turn position the bag filter.

4. The other bag filter needs to be positioned in reservoir B and will be in the same position as the bag filter in reservoir A. A support stanchion needs to be positioned in each of the reservoirs to add support to the grid which sits on the reservoirs. The above picture shows where it needs to be sited in reservoir B. And the picture below shows where it needs to be in reservoir A.

5. When the support stanchions have been put into the reservoirs, the support grids need to be put into position. Above shows reservoir B with the grid in position, and shows the correct location on the cut out sections. Below show's reservoir A with the grid in position and again the correct location of the cut out sections.



6. Above shows the two reservoirs linked together, with the bag filters in position and the supports grids in there correct orientation.

7. Above shows the two reservoirs with the filtration components in position. The AV75 is to run the protein skimmer and will be positioned on reservoir B. The AV150 is to run the biological filtration on reservoir A.

8. Once all the components are in position the pipe work can be fixed into place. All the joints are labelled alphabetically A to A, B to B etc (Please note that when you're attaching the pipe work to the protein skimmer, it'll be easier if you put the venturi into the skimmer body first). Above and below are pictures from either side on the protein skimmer showing all the pipe work attached.

9. When attaching the pipe work on reservoir A, it's better to connect the three towers together as shown above. This will fix everything into position for you.
10. It's better to sit the UV on the floor to the rear of the system, rather than on the back of the system it's self. This will allow you easier access into the reservoir it's self and it'll be easier to do maintenance to the UV.

11. Once complete the system will look like the picture below.